

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	391	338/195.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 09:55
S2	582	374/185.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 09:57
S3	122	204/192.21.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 09:58
S4	3297	29/592.1,610.1,612.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 09:59
S5	38	thermally with trim\$5 with resistor	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 10:06
S6	6	S1 and S5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 09:59
S7	0	S2 and S5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 09:59
S8	0	S3 and S5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 09:59
S9	2	S4 and S5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 09:59
S10	7	S6 or S9	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 09:59
S11	351	trim\$5 with resistor with heat\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 10:07
S12	563	temperature with (increas\$3 or rais\$3) with trim\$5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 10:08
S13	20	S11 and S12	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 10:08
S14	190195	temperature with constant	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 10:08
S15	7	S13 and S14	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 10:09

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S16	14	LANDSBERGER-LESLIE-M.in. or GRUDIN-OLEG.in. or FROLOV-GENNADIY.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 14:28
S17	351	trim\$5 with resistor with heat\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 14:30
S18	6	S17 and S16	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 14:28
S19	802	trim\$5 same resistor same heat\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 14:29
S20	6	S16 and S19	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 14:29
S21	129	(trim\$5 near resistor) with heat\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 14:46
S22	88	S21 and @ad<"20010910"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 14:31
S23	190195	temperature with constant	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 14:31
S24	19	S23 and S22	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 14:31
S25	0	(trim\$5 near resistor) with (heat\$3 near pulse)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 14:46
S26	4	(trim\$5 near resistor) with (heat\$3 near pulse)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 14:48
S27	293	heat\$3 near resistor	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 14:49
S28	3	trim\$4 with (heat\$3 near resistor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/10 14:49

## EAST Search History

S29	28	("20010001493"   "20020033519"   "4041440"   "4210996"   "4472239"   "4606781"   "4683442"   "4717886"   "4782202"   "4870472"   "4902959"   "5081439"   "5110758"   "5363084"   "5460040"   "5466484"   "5493148"   "5557252"   "5563549"   "5635893"   "5679275"   "5742307"   "5757264"   "5844122"   "6097276"   "6184494"   "6255185"   "6667683").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 07:12
S30	0	S29 and (micro-platform)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/11 07:13
S31	20	(micro-platform)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/11 07:13
S32	14	LANDSBERGER-LESLIE-M.in. or GRUDIN-OLEG.in. or FROLOV-GENNADIY.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/11 07:13
S33	5	S31 and S32	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/11 07:13


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 Check to search only within this results set**» Key**Display Format:  Citation  Citation & Abstract**IEEE JNL** IEEE Journal or Magazine [Select All](#) [Deselect All](#)**IEE JNL** IEE Journal or Magazine**IEEE CNF** IEEE Conference Proceeding**IEE CNF** IEE Conference Proceeding**IEEE STD** IEEE Standard**1. Pulse current trimming of polysilicon resistors**

Feldbaumer, D.W.; Babcock, J.A.; Mercier, V.M.; Chun, C.K.Y.;  
[Electron Devices, IEEE Transactions on](#)  
 Volume 42, Issue 4, April 1995 Page(s):689 - 696  
 Digital Object Identifier 10.1109/16.372073

[AbstractPlus](#) | Full Text: [PDF\(792 KB\)](#) [IEEE JNL](#)  
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**2. Precision electrical trimming of very low TCR poly-SiGe resistors**

Babcock, J.A.; Francis, P.; Bashir, R.; Kabir, A.E.; Schroder, D.K.; Lee, M.S.L.;  
 Yindeepol, W.; Prasad, S.J.; Kalnitsky, A.; Thomas, M.E.; Haggag, H.; Egan, K  
 Jansen, P.;  
[Electron Device Letters, IEEE](#)

Volume 21, Issue 6, June 2000 Page(s):283 - 285  
 Digital Object Identifier 10.1109/55.843151

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(56 KB\)](#) [IEEE JNL](#)  
[Rights and Permissions](#)

**3. Electrical trimming of ion-beam-sputtered polysilicon resistors by high current**

Das, S.; Lahiri, S.K.;  
[Electron Devices, IEEE Transactions on](#)  
 Volume 41, Issue 8, Aug. 1994 Page(s):1429 - 1434  
 Digital Object Identifier 10.1109/16.297739

[AbstractPlus](#) | Full Text: [PDF\(616 KB\)](#) [IEEE JNL](#)  
[Rights and Permissions](#)

**4. Investigation of conduction mechanism in thick film resistors trimmed by voltage method**

Tobita, T.; Takasago, H.; Kariya, K.;  
[Components, Hybrids, and Manufacturing Technology, IEEE Transactions on](#) |  
[Trans. on Components, Packaging, and Manufacturing Technology, Part A, B](#)  
 Volume 15, Issue 4, Aug. 1992 Page(s):583 - 589  
 Digital Object Identifier 10.1109/33.159889

[AbstractPlus](#) | Full Text: [PDF\(612 KB\)](#) [IEEE JNL](#)  
[Rights and Permissions](#)

**5. A large-bias conduction model of polycrystalline silicon films**

Das, S.; Lahiri, S.K.;

[Electron Devices, IEEE Transactions on](#)  
Volume 41, Issue 4, April 1994 Page(s):524 - 532  
Digital Object Identifier 10.1109/16.278505  
[AbstractPlus](#) | Full Text: [PDF\(824 KB\)](#) IEEE JNL  
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6. **A CMOS pulse-width modulator/pulse-amplitude modulator for four-quad multipliers**  
De Cock, B.A.; Maurissens, D.; Cornelis, J.;  
[Solid-State Circuits, IEEE Journal of](#)  
Volume 27, Issue 9, Sept. 1992 Page(s):1289 - 1293  
Digital Object Identifier 10.1109/4.149436  
[AbstractPlus](#) | Full Text: [PDF\(460 KB\)](#) IEEE JNL  
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US 20060063292 A1	20060323	Method for producing a packaged integrated circuit	438/51	438/50; 438/52	Landsberger; LeslieM
US 20060062272 A1	20060323	Measuring and trimming circuit components embedded in micro-platforms	374/43		Grudin; Oleg et al.
US 20060049912 A1	20060309	Trimmable resistors having improved noise performance	338/195		Grudin; Oleg et al.
US 20040239477 A1	20041202	Method for trimming resistors	338/195	257/E21.004	Landsberger, Leslie M. et al.
US 20040207507 A1	20041021	Method for trimming resistors	338/195	257/E21.004; 257/E27.047	Landsberger, Leslie M. et al.
US 20040101153 A1	20040527	Gas flow sensor, speaker system and microphone, utilizing measurement absolute of time-variations in absolute pressure	381/357	381/351; 381/354; 381/71.1	Grudin, Oleg et al.